

(a) To Public Safety

(1) Cost Reductions due to proximity to other high volume users

Significant economies of scale accrue, when manufacturers mass produce large numbers of equipment. For this reason, public safety equipment should not be located in a band which is far removed from high volume commercial services.

(2) Summary of public safety identified costs from Section 6.1 above.

(b) To Manufacturers

Significant economies of scale accrue, when manufacturers mass produce large numbers of equipment.

(c) To Previous Users

Summary of costs attributable to the relocation of incumbents, identified in Section 6.1 above.

(d) Other

B.1.6 Environmental Considerations

There are many considerations referred to as environmental. These might include the actual impacts and public concerns for non-ionizing radiation emitted from radio communication systems. Typical land mobile communication systems, unlike broadcast and paging, do not require high power transmitters, and the power density calculations required to demonstrate compliance with ANSI C95.1 confirm this fact. Nevertheless, the public's perception of radio communication towers is that they present a radiation hazard to surrounding population. In addition, there is a great concern for visual impact. Local laws and ordinances have been proposed that would limit tower height to no greater than surrounding trees. Generally, visual impact has no quantified acceptable value.

The need for radio communication towers as a means of placing the transmitting radiation center away from people to ensure compliance with ANSI C95.1, and positioning receiving antennas optimally for reception of low power portable radio signals is technically without question. Towers used for microwave systems must provide sufficient height for those line-of-sight paths. Adequate space, clear of the large reflector microwave antennas, to mount land mobile system antennas so that desired radiation patterns are achieved, and to provide appropriate spacing between antennas for necessary signal isolation to be achieved, requires vertical tower height. Height versus quantity of tower sites becomes an economic study of project cost effectively and overall system reliability. Tower size is

frequently related to the strength required to support very narrow beamwidth microwave antennas so they do not result in unacceptable signal fading when the tower flexes during extremes of wind and ice conditions. After all, public safety systems have to work in the worst of conditions in order to provide the public necessary services in response to those conditions.

Infrastructure intensive public communication systems, such as cellular telephone and PCS which connect individual subscribers to the PSTN, can make optimum use of lower structures in order to achieve necessary local signal penetration and extensive channel reuse. Public safety systems, on the other hand, need the capability to talk to large groups of subscribers over large areas, where low towers tend to require a significantly more complicated and expensive fixed equipment infrastructure.

For these reasons, special legislative treatment to preempt public safety communication towers from local zoning type restrictions should be considered and given the same status as commercial providers as stipulated in the Telecommunications Act of 1995.

6.6 APPENDIX F - PSWAC Members and Participants

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Steve Adler	Motorola
Douglas M. Aiken	IMSA
E. John Alberts	MO Dept of Con.
Michael Alcalay	AirTouch Communications
John Alexenko	The Warner Group
Nick Allard	Latham & Watkins
Richard Allen	FBI
Lt. Craig Allen	Illinois State Police
Gary Allen	Berkeley Police/Fire Comm.
Chris Allman	Assn. of American Railroads
Michael Amarosa	Deputy Police Commissioner, NYC Police Dept.
Bob Amick	University of Colorado PD
Victoria Anderson	Booz, Allen & Hamilton
Dominick Arcuri	Ericsson
James Arnold	FHWA
Johnathan J. Bae	National Communications Systems
Barbara Baffer	Ericsson
John H. Bailey	ARINC
Mary Ball	COMNAVBASE San Diego Fire Department
Julie Banton	New York City Transit Authority
Raymond Barnett	U.S. Secret Service
Mike Bayly	Securicor Radiocom, Ltd.
Ashby Beal	Kelly & Povich
John Beckett	DOJ/DEA
Robert Becklund	The Associated Group, Inc.
Jean Bell	CA Hwy. Patrol
Lt. Michael E. Bennett	Maryland State Police
Charles Bennett, Jr.	Lynchburg Police Dept

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Martin Bercovici	Keller & Heckman
Joel Berger	Kenwood Communications Corp.
George Beronio	USDOT ITS JPO
Alan D. Bersin	U.S. Attorney, So. District of CA
John Berst	FCCA
Paul C. Besozzi	Besozzi, Gavin, Craven & Schmitz
Donna Bethea	AirTouch Communications
Keith J. Biesecker	MITRE/FHWA (ITS)
Donna Bigby	PWC
Art Bishop	U.S. Secret Service
Gerald Bitner	City of Berkeley, CA Communications
Sgt. Bruce R. Blair	Montgomery Co. Police
Matt Blais	Naval Special Warfare Group-1
Tom Boeckmann	IA Dept. of Public Health, EMS
Sidney Bogan	Detroit Police Dept.
Rich Bohmer	SHL-Intl Public Safety Group
McKinley Boutte Jr.	Jacksonville Fire & Rescue
Dale Bowen	Public Technology
Thomas R. Brace	President, Natl Assoc. of State Fire Marshals
Edward R. Braden	City of Hoover
William Bratton	Police Commissioner, NYC Police Dept.
William T. Brennan	Rockwell
Bob Bridges	MCB Camp Pendelton
Joan Brody	NYPD, Staff to Police Commissioner
Joe Bruno	City of Phoenix
David Bryson	Department of Transportation NHTSA/EMS
David Buchanan	County of San Bernardino, CA
Steven L. Buckley	The Warner Group
Dave Bull	ABC Radio Networks
Thomas Buneo	NYC - Do iTT
Jim Burack	Police Exec. Research Forum

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
June Butler	FCC
Brad Caldwell	ATF
David F. Callaway	United States Capitol Police
Joseth Camacho	NAVCOMTELSTA San Diego
Michael J. Cannon	NSWG-1
Rod Canter	Department of Justice
Kevin Carlton	U.S. Coast Guard
Vince Carter	DSM Police
Louis Cegala	US Customs Service
Jim Chadwick	MITRE/FHWA
Jim Chang	Bell Labs
Marin Chang	City of New York
Wil Chase	Director of Community Relations
Jyun-Cheng Chen	Ericsson
Sandeep Chennakeshu	Ericsson, Inc.
Benjamin M. Chiswell	U.S. Coast Guard
Thomas W. Christ	HDS
Bruce Christensen	Hill AFB
Joe Civello	Frank Thatcher Assoc.
Jeff Clarke	American Gas Association
Dave Climek	MITRE Corp., Rome Laboratory/USAF
Gary Cochran	IL State Police
John D. Cohen	AT&T
Stanley Cohn	Concepts to Operations, Inc.
Rich Comroe	Motorola
Jen Connell	AT&T
Royce Connerley	Union Pacific Railroad
Dennis Connors	Vice President, Engineering Marketing, Ericsson, Inc.
Mark A. Cooper	LA County Fire

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Mike Corbett	Buford Goff & Assoc., Inc.
Kevin Corbley	Capital Region Medical Center EMS
Robert Cornell	FBI - Buffalo, NY
Ronald P. Costa	City of Sacramento
Andre Cote	ITA
Darrel Cox	Iowa State Patrol Planning & Training
C. David Crandall	VSE Corporation
J. Jeffrey Craven	Besozzi, Gavin, Craven & Schmitz
Elaine D. Critides	Kurtis & Assoc., P.C.
Anthony Crook	Bureau of Alcohol, Tobacco and Firearns
Robert Crosson	Self
Steven Crowley	NTT America
Corey Cummings	CA. Dept. Corrections
Jesse O. Daniels	N3FC NAVCOMTELSTA
Phil Davey	ADCOM
Allen Davidson	Motorola
Thomas Davis	Department of Public Safety
Florence Dean	NYCTA
Richard DeMello	Forestry Conservation Communications Assoc.
Eric Desilva	Wiley, Rein & Fielding
Alan Dewitt	Provo City
Lynn Diebold	CA Highway Patrol
Peter J. Dieppe III	City of Charleston
John DiSalvo	State of Florida
Rachel Donald	State of South Carolina
William Doolittle	The Warner Group
Joseph Douglas M. Akers	Noble
James E. Downes	U.S. Dept. of Treasury
Jack Duncan	Buford
Tim Dunn	Arvada Police Department

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
William Dunning	City of Dearborn Comm. Dept
John Dupois	The Aerospace Corp.
John Dupuis	Aerospace Corp.
Mike Dye	Cobb County
Gil Edwards	State Highway Administration
David Eierman	Motorola
Paul Einreinhofer	Bergen County Police
Kent Eldridge	Tennessee Department of Safety
Bob Ensminger	State of Calif. Telecom Div.
Robert Epper	Natl Law Enforcement & Corrections Technical Center
Janet Ernest	Motorola
Kamilo Feher	Univ. of California, Davis
Robert Fenichel	National Communications System
Richard Feser	E.F. Johnson
Brent Finster	Aspen-Pitkin County Communications Center
Matt Foosaner	NEXTEL Communications
Michael Forest	Federal Bureau of Prisons
Steve Frackleton	Ericsson, Inc.
Honorable Louis J. Freeh	Director, Federal Bureau of Investigation
Honorable Michael Freeman	Fire Chief, LA County Fire Dept.
Joseph F. Friend	FCCA
Patricia A. Frosio	County of San Diego
Gordon Fullerton	Director of Information Systems and Engineering
Joe Gallelli	Midland
Scott Gardner	AFC4A/TWSDW
Ralph Gay	IRS Criminal Inv.
Wendell Giggey	DCFD

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Ed Gilbert	AMSC
Jerry Goff	MO Dept of Con.
Benjamin Golant	E.F. Johnson Company
Donald W. Goodwin	LMR International, Inc.
Bob Gorandier	Lakeside Police Department
Nick Gorham	Motorola
Hugh Ol Gouldman Jr.	Telecommunications Consultants, Inc
Michael R. Granados, Sr.	IAFC Communications Comm.
Gary David Gray	County of Orange, GSA Communications Div.
Dr. John S. Gregory	Stanilite Pacific Ltd.
Frederick G. Griffin	Frederick G. Griffin, P.C.
CDR Debra A. Gross	Office of the Assistant Secretary of Defense
Marvin Grossman	Allen Telecom Group
Michael Grunden	NAVEMSCEN
Robert Gurss	Wilkes, Artis, Hedrick & Lane
Carl Guse	State of Wisconsin Dept. of Trans.
Stephen W. Haller	Frederick Police Dept.
Philip B. Hallpern	Asst. U.S. Attorney, So. District of CA
John A. Hampton	Howard County, MD Bureau of Communications/911 Center
Joe Hanna	Richardson Police Dept.
Ron Haraseth	State of Montana
Walt Hardesty	W-Y Combined Communications
Kevin D. Harper	Kern County Fire Department
Cheryl Harrer	APCO
Gene L. Harrison	MITRE Corp.
Tony Harrison	Oklahoma City Police Department
Stan Harter	APCO and California OES
Curtis Hatamoto	UC Davis
Dale Hatfield	Hatfield Associates, Inc.

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Bryan Hawkins	City of Long Beach Telecommunications Bureau
Terry Hayton	FBI
Trae Heath	Alexandria Police Dept.
Michael Heavener	Manager of Mobile Corporation
David Held	Communications Supervisor
Ralph C. Henderson	Defense Protective Service
Joe Hersey	Commandant U.S. Coast Guard (G-TTM)
Maralyn Hershey	Metro Police Dept.
Robert D. Hewitt	L.A. County Fire Department
David Hewitt	State of Wisconsin Dept. of Trans.
Laura Hoffman	Vinson & Elkins
Dr. Ernest L. Hofmeister	Ericsson, Inc.
Michael Hogan	State of Nebraska
Ed Hollingsworth	Union Pacific Railroad
Donald Hollisysworth	Lafayette Group
Laura Holloway	Nextel
Lavern Holtorf	IA D.O.T. AHSHTO
Mark Hoppe	E.F. Johnson
William Hopstetter	FCCA
John Noland Hudson III	State of CA
Arthur D. Hurtado	CACI Inc.
Kris Hutchison	ARINC
Al Ittner	Motorola
Robert S. Jack II	HQ AFC4A/SYXM
Charles L. Jackson	Strategic Policy Research
Andrew L. Jackson, Jr.	D.C. Fire/EMS Dept.
Lalit K. Jain	Self
Mark Johnson	Chief, Emergency Medical Services Section, Dept. of Health and Social Services, St. of Alaska

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Dan Johnson	Caltrans
John Jones	DSM Police
Don Josephs	U.S. Dept of Justice
Bobby Joyner	National Volunteer Fire Council
Carl Kain	MITRETEK Systems
George Kamerer	Consultant
Alan T. Kealy	Maryland State Police
Kevin Kearns	King County, WA
Jerry Keene	Los Alamos Fire Department
Thomas J. Keller	Verner Liipfert Law Firm (for AAR)
Jim Kelley	FCCA
Roger B. Kelley	Kelly & Povich, PC
Raymond W. Kelly	Department of the Treasury
Edwin F. Kemp	Union Pacific Railroad/Assc. of American Railroads
John Kenty	FCCA
David Kernan	Ericsson Inc.
Roy C. Kime	International Assoc. of Chiefs of Police
Capt. Arthur D. King	Virginia State Police
Kathryn Kleiman	Fletcher, Heald & Hildreth
Sam Knott	Cala Knott Memorial Foundation
R. David Koilpillai	Ericsson, Inc.
Harvey Kramer	Omnico
Philip L. Kramer	United States Park Police
Rhonda Kurtis	Kurtis & Associates, P.C.
Michael S. Kutch	E.F. Johnson
Fred Kuznik	Senior Vice Pres. and General Manager, Motorola, Inc.
Burel Lane	E.F. Johnson Company
Michael D. Langan	Dept. of Treasury

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Lars G. Larsson	The Ericsson Corp.
Otis J. Latin, Sr.	Fire Chief
Peter A. LaVenia	Nat. Assoc. of State Telecommunications Directors
Terry Lawhan	Longmont Police Dept.
Frederic C. Leiner	MITRE Corp.
Ed Leisten	Motorola
Wayne Leland	Motorola, Inc.
Elwood Lewis	U.S. Postal Service
Shanna H. Liable	Info Sys Mgr.
George Lieberman	NIST
Ted W. Lienhard	Div. of Wildlife, St. of NV Cons. Nat Resources
Gill Lineberry	Fla. APCO
Dwight A. Locke	U.S. Secret Service
Ajejandro Longoria	McAllen Police Dept
Jaci Marie Louise	Summit County Communications
Sue Love	Staff Mgr, ICR
Barry H. Luke	Gainesville Police & Fire
Joseph G. Lundholm, Ph.D.	Montgomery Co. Dept. of Police Vol.
Michael Lynch	Northern Telecom
Michael Lynn	Motorola RNSG
Roger D. Madden	Roger Madden Company
Paul G. Madison	Reed, Smith, Shaw & McClay for the Office of Information, State of SC
Frank J. Mammano	Federal Highway Admin.
Ray Marler	National Training Center
Robert Marz	State of Utah
Steven Marzolf	Prince William Co. Public Safety Comm.
Dr. Joseph H. Massa	FEMA
Jack Masser	Frederick Police Dept.
Bob Matheson	NTIA/ITS

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Dan Matkin	City of Fort Worth
Gail Matuszak	Estes Park Police Dept.
Garrett G. Mayer	L.A. County Communications
David McCartney	Ericsson
Barbara A. McCoy	DOJ/Immigration & Naturalization Service
Art McDole	No. California APCO
Harlin R. McEwen	Deputy Asst. Director, CJIS Div., FBI; IACP
Lew McIntyre	Focused Research, Inc.
Sgt. Brian J. McKeon	Largo Police Dept.
Joe McNeil	Harwich Fire Dept.
Clancy McQuigg	OWL-VFD
Jim Medlock	Self
Beth Meek	Grand Junction RCC
Lee Meinert	Iowa State Patrol - Special Services Officer
Alfred Mello	Public Safety Communications Council IMSA/IAFC
Rodney Mickelson	Rockwell
Larry A. Miller	AASHTO
David Miller	Iowa Emergency Mgmt. Division
Gregg D. Miller	Racom Corp., Ericsson - GE
J. Miller	Aravada
Kenneth Allan Mitchell	Californis Highway Patrol
James P. Mitchell	Rockwell
Lorin Mock	Jacksonville Fire & Rescue
Steve Montealegre	Ericsson
Jane Montoya	Arvada
Susan Moore	Mobile Telecommunications
Radford Moore	City of Aurora
Mary Moore	Loveland Communications
Bill Moorhead	Pulson Communications
Ramon Torres Morales	Economic Development
Michael Morgan	County of Los Angeles Fire Dept.

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Ross Morris	WA St. Patrol
Carolyn Morris	Federal Bureau of Investigation
Kevin Morrissette	Prince Georges Co. Fire Dept.
Cpt. Mike Mulligan	Union Vol. Fire Department
Curt Munro	County of San Diego
Julio Murphy	DOI
Patrick B. Murray	House Judiciary Comm.
Glen S. Nash	State of California
Richard Neat	ARINC
Emily Nelms	American Personal Comm.
Dallas Neville	Rancho SantaFe FD
Eric Nevins	DSM PW
Kenneth E. Newcomer	STARSYS
Paul A. Nichols	Fairfax Co. Fire Dept.
Steve Nichols	E.F. Johnson
Joe Nordgaard	AT&T Bell Labs
James W. O'Connor	Howard County Government
Jan O'Dell	San Diego Police
Tom O'Keefe	Sate of Maine, Dept. Of Conservation
Linda Oliver	H&H
Vic Olmiecinski	Village of Dolton
Paul Orbuch	Western State Governors' Association
Jack Oslund	Comsat Mobile
Charles Ostrofe	Frank Thatcher Associates
Richard Paddock	Orange County Sheriff's Dept.
Gary L. Page	IDR, Inc.
Frank Parker	U.S. Coast Guard
Thomas E. Patterson	Houston Fire Dept.

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
R. M. Patterson, Jr., Ph.D.	Police Dept.
Sgt. Jeffrey L. Pauley	Montgomery Co. Park Police
Dr. Clarence Peecher	Illinois State Police
Jeff Pegram	VA Office of EMS
John L. Penido	Chief, Fire Operations, City of San Marino
Mel Pennington	State of Nevada
Tim Peters	Ill. Dept of Transportation
Don Pfohl	City of Mesa, Communications Division
Shawn Pindell	NCS
John Pongu	UL Berkley
Fredrick Potter	U.S. Customs
John Powell	APCO/Univ. of California
Alvin Prant	New Jersey Dept. of Transportation
Don A. Premo	Technical Committe of Montgomery County, MD Police Dept.
John A. Prendergast	AAA
Laurance Price	Price & Sons
Eldon Prochnow	U.S. Secret Service
Steven Proctor	Technical Services Manager, Utah State Telecommunications Division
Dwight Purtle	Johnson County Emerg. Communications
Ron Quaglan	West Haven Police Dept
Mark Racek	Ericsson
Richard Rahto	IA DOT AHSHTO
Cindy Raiford	DoD
L. Robert Raish, Esq.	Fletcher, Heald & Hildreth
April Ramey	Dept. of Treasury
John Ramsey	APCO
Ronnie Rand	Ex. Dir., APCO, Inc.
Stephen J. Rapiejko	Ericsson

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
M. Scott Rappeport	AT&T Bell Labs
Dennis R. Raymond	Self
Martin Reilly	Hazeltine Corp
Jerry Remhof	Iowa State Patrol Comm.
Oscar Reverz	SCT - Mexico
Emery Reynolds	Colorado APCO & Arapahoe County, CO
Gregg Riddle	Elk Grove Fire Dept.
Bette Rinehart	Motorola
Jose Rivera	SBRPCA
Natalee Roan	Nextel Communications, Inc.
Leon Roberts	US Marshals
Nicole Robilotto	House Judiciary Comm.
Jerry Robinson	Chicago Police Dept
Chief Thomas J. Roche	IACP/Communications Comm. Vice Chairman
Richard Roley	State of GA DOAS
Paul Roman	ASTM Committee F30 on EMS
Don Root	State of California
Nicole B. Rossignol	The Warner Group
Bill Ruzzamenti	Lafayette Group
Col. Ryan	HQ AFC4A
Allan E. Rypka	Focused Research International
Howard Safir	Police Department, City of New York
Paul Salter	City of San Diego
Paul Sautter	IIT Research Institute
Tom Savage	NYC Transit
John Schaaf	American Paging
Gary Schlanger	AT&T Bell Labs
Robert Schlieman	New York State
Alex E. Schultz	Northern Telecom
Dick Schurman	Joplin Missouri Police Department

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Bob Schwartz	E.F. Johnson
Lt. Lawrence Schwartz	Los Angeles Co. Sheriff's Dept.
Dan Scrivner	City of Dallas
R. Michael Serkowski	Wiley, Rein & Fielding
Alireza Shahnam	APCO
Barry Shay	CACI
Jeffrey Sheldon	UTC
Steve Shelton	Kenwood Communications Corp.
Mike Shepherd	Harris/Farinon
Richard J. Shiben	Ericsson
Kevin Shoemaker	City of Tulsa
Richard Shulak	Wisconsin State Patrol
Ann L. Sigei	Wiley Rein and Fielding
Barry Simmon	Federal Aviation Administration
Stanley Sines	Metro Police Dept.
Lt. Raymond Skopin	Metro North Police
Addison E. Slayton, Jr.	Virginia Department of Emergency Services
McRae Smith	Self
Merae Smith	FBI
Assistant Chief Ron Smith	Laramie County Fire District #2
Linda Smith	San Miguel County
Karen L. Smith	U.S. West Communications
J. Dale Smith	Arlington County Fire Dept.
John Smyth	Motorola RNSG
Samuel Somers	County of Prince William, VA
Steve Souder	Arlington County, VA - Emergency Comm. Center
John Spellman	KCMO Police
Mike Steeves	La Junta Police Dept.
Jeff Steffel	Michigan State Police
Russ Stein	City of Berkeley, CA Communications
Meyer Stender	NYCTA

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Gary Lee Stevens	Iowa State Patrol - Communications
Larry Stewart	Office of the Deputy Assist. Sec. for Enforcement
Vincent R. Stile	Suffolk County Police Dept.
Edward G. Stillwell	Naval District Washington
Frank W. Stoda	Fairfax Co. Gov.
Sean Stokes	UTC
Dr. Gregory M. Stone	INS/CECOM
James Stoneback	County of Fairfax, Dept. of Information Technology
Marvin T. Storey	USDA Forest Service/IST
Dave Stratton	Navy PWC San Diego
Dean Strid	State of Alaska
Thomas Struzzieri	Department of State Police
Kenton E. Sturdevant	Forest Industries Telecom.
David Swan	Swan & Associates
Robert E. Tall	Center for Public Safety Studies
Jim Tedrick	OMNICO
Sean Thakkor	United States Marshal Service
Robert Thiel	Electrical Superintendent of the Golden Gate Bridge District
Dr. Robert I. Thompson	Thompson Group
David Thompson	SEA, Inc
Paul Tinney	Motorola
David Toll	Phillips Business Information
Tom Tolman	Adams County Communications Center
Dr. Michael C. Trahos	Region 20 Public Safety
Larry Trevor	Nextel Communications, Inc.
Tony Tricoci	
Tom Trimmer	U.S. Army Pentagon
Keith D. Turney	Joliet Police Dept.
Tom Tuttle	WI Dept of Nat Res.

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Peter Ungar	City of Fort Worth
George Valenzuela	Aerospace Corp.
John M. Vallarelli	Metro North Police Operations Div
Don Vaughan	SHL Corp.
Gerrit Veenhof	State Highway Administration
Philip L. Verveer	Willkie Farr and Gallagher
Emil Vogel	Motorola
Ronald Wade	City of Roanoke Communications
Greg Wagner	IIT Research Institute
Robert Waldron	Aerospace Corp.
Ronald Wallace	NASA
Steve Wallace	CDF
John Walsh	VGS
Charles Walters	Orange County Sheriff's Dept.
Marilyn Ward	APCO - Orlando Police Communications
Dennis Warren	SBRPCA
Joyal Watkins	FCCA
Scott Webber	Naval Station Security Dept.
Melvin G. Weimeister	Phoenix Police Department
Jeff Weinberg	OMB
Chuck Wexler	Police Executive Research Forum
George Wheller	Koteen & Nattalui
John D. White, Jr.	Tennessee Emergency Management Agency
Carroll White	APCO
Vern Whybrew	Long Beach Police
Paul Wieck	Dept. of Public Safety
R. Mark Wildey	Aurora Fire Dept.
Ted Wilienhard	State of Nevada Dept. of Conservation

PUBLIC SAFETY WIRELESS ADVISORY COMMITTEE MASTER MEMBERSHIP LIST — August 1, 1996	
NAME	ORGANIZATION
Steve Wilkins	CHP
Mickey Williams	Fisher, Whalen, Cooper, Leader & Zaragoza
Kevin Williams	Tennessee Bureau of Investigation
Ernest E. Williams	GSA, FPSD
David Wong	Wireless & I/T /SAIC
Henry Wood	Prince William Co. Police Communications
Don Woods	NCTS N210
Barry Worden	City of Arlington Texas
Debbie Worthen	Canon City Police Dept.
Clare Wren	FCCA
Jeffrey W. Wright	CACI
Beverly Wright	Federal Bureau of Prisons
Ken Yoder	Texas Dept. of Public Safety
Chris A. Young	FBI
Joseph Yurman	MTA, N.Y.C. Transit
Larry Zabkowski	APCO - Michigan